

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Patent Application**

Applicant(s): S. Ma et al.  
Docket No.: YOR920030160US1  
Serial No.: 10/630,992  
Filing Date: July 30, 2003  
Group: 2166  
Examiner: Srirama T. Channavajjala

**Patent No.: 7,243,100**  
**Issued: July 10, 2007**

**Title: Methods and Apparatus for Mining Attribute Associations**

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**REQUEST FOR CERTIFICATE OF CORRECTION OF  
PATENT FOR PTO MISTAKE UNDER 37 C.F.R. §1.322(a)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attn: Certificate of Corrections Branch

Sir:

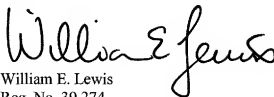
In accordance with 37 C.F.R. §1.322(a), Applicants hereby request the issuance of a Certificate of Correction with respect to errors in the above-identified patent. The errors are set forth on the proposed Certificate of Correction (PTO-1050) submitted herewith. The errors are a Patent Office mistake, namely the wrong title and typographical errors in the specification. Accordingly, this certificate should be issued pursuant to 37 C.F.R. §1.322(a).

Applicants point out that on March 21, 2007, an Amendment After Allowance under 37 C.F.R. §1.312 was filed requesting amendment to the title before issuance. A response to the §312 Amendment was mailed, April 20, 2007, indicating that the proposed changes filed on March 21, 2007 were entered as directed. However, the title on the issued patent was not printed

as amended. Therefore, the Applicants respectfully request correction to the title.

It is believed that there is no additional fee due in conjunction with this Request for Certificate of Correction. In the event of any non-payment or improper payment of a required fee, the Commissioner is hereby authorized to charge or to credit **International Business Machines Corp. Deposit Account No. 50-0510** as required to correct the errors.

Respectfully submitted,

A handwritten signature in black ink that reads "William E. Lewis". The signature is fluid and cursive, with the first name "William" being the most prominent part.

William E. Lewis  
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Date: July 20, 2007

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

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PATENT NO. : 7,243,100  
APPLICATION NO.: 10/630,992  
ISSUE DATE : July 10, 2007  
INVENTOR(S) : S. Ma et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the title:

Please delete "Methods and Apparatus for Mining Attribute Associations"  
and insert --Method and Apparatus for Deriving Candidate Patterns of Multi-Attribute  
Templates Related by Anti-Monotonicity Property by Merge-Joining Patterns of Nodes  
of Templates Without Pre-sorting--

On page 2, under "Other Publications"

Reference 6 please delete "Mohammead" and insert --Mohammad--

In the Specification:

Col.7 line 18 please delete "<  $L = \sum_{i=1}^k T_i$  >" and insert --<  $L = \sum_{i=1}^k |T_i|$  >--

Col.7 line 49 please delete "<HTFI>" and insert --<HIFI>--

Col.7 line 60 please delete "<  $L = \sum_{i=1}^m T_i$  >" and insert --<  $L = \sum_{i=1}^m |T_i|$  >--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Ryan, Mason & Lewis, LLP  
90 Forest Avenue  
Locust Valley, New York 11560

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.